Viewpoint 12: Navidale

OSGB Grid Reference: 303766 E 916161 N   Distance to nearest turbine: 44.89 km   AOD: c 81 m

View from minor road to Navidale off East Helmsdale roundabout

Moray Offshore Renewables Ltd

Scale in metres: 1: 20,000

Geodetic Parameters: WGS84 UTM Zone 30N

Produced: LT
Reviewed: SM
Approved: SM

Date: 09/07/2012   Revision: B

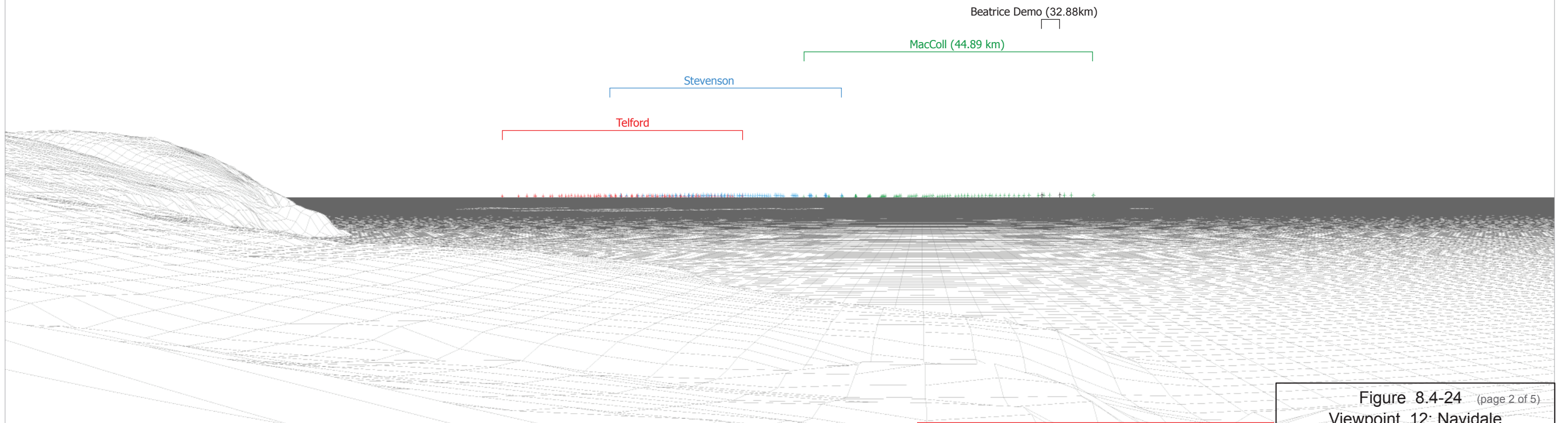Ref: 8460001-PPW0201-OPE-MAP-067

Figure 8.4-24   (page 1 of 5)
Viewpoint 12: Navidale
Location

Moray Offshore
Renewables Ltd

Existing view from Navidale   Distance to nearest turbine: 44.89 km (MacColl)   Camera: Canon EOS 5D Mark II   Focal Length: 50mm   Horizontal Field of View: 72 degrees   Camera Height: 1.5m   Date: 04/09/12   Time: 13:02

Beatrice Demo (32.88km)

MacColl (44.89 km)

Stevenson

Telford

Computer generated wireframe showing the proposed developments Telford (Red), Stevenson (Blue) and MacColl (Green) and other operational wind farm turbines in black

Important Viewing Instructions

The photograph is a composite image made up of 5 No 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye. For correct perspective viewing, these images must be viewed at an exact distance of 314 mm with one eye whilst curving the image in and exact arc of 72 degrees. This image should only be assessed in the real landscape from the same viewpoint.

Figure 8.4-24   (page 2 of 5)
Viewpoint 12: Navidale

Photograph and Wireframe

Layout Scenario 4c

Photomontage view showing the proposed development   Distance to nearest turbine: 44.89 km (MacColl)   Camera: Canon EOS 5D Mark II   Focal Length: 50mm   Horizontal Field of View: 72 degrees   Camera Height: 1.5m   Date: 04/09/12   Time: 13:02

Important Viewing Instructions

This is a composite image made up of 5 No 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye. For correct perspective viewing, this photograph, photomontage and wireline must be viewed at an exact distance of 314 mm with one eye whilst curving the image in and exact arc of 72 degrees.

This image should only be assessed in the real landscape from the same viewpoint.

Figure 8.4-24 (page 3 of 5)
Viewpoint 12: Navidale

Photomontage

Layout Scenario 4c

Photomontage view from Navidale   Distance to nearest turbine: 44.89 km (MacColl)   Camera: Canon EOS 5D Mark II   Focal length: 50 mm   Horizontal Field of View : 39.6 degrees   Camera Height: 1.5 m   Date: 04/09/12   Time: 12:59

This image should be viewed with both eyes from a distance of approximately 500mm*

*Calculation of viewing distance from The Highland Council ''Visualisation Standards for Wind Energy Developments (January 2010)''.

Figure 8.4-24   (page 4 of 5)
Viewpoint 12: Navidale

Photomontage
(The Highland Council Visualisation Standards, 50 mm)
Layout Scenario 4c

Photomontage view from Navidale   Distance to nearest turbine: 44.89 km (MacColl)   Camera: Canon EOS 5D Mark II   Focal length: 75 mm   Horizontal Field of View : 27 degrees   Camera Height: 1.5 m   Date: 04/09/12   Time: 12:59

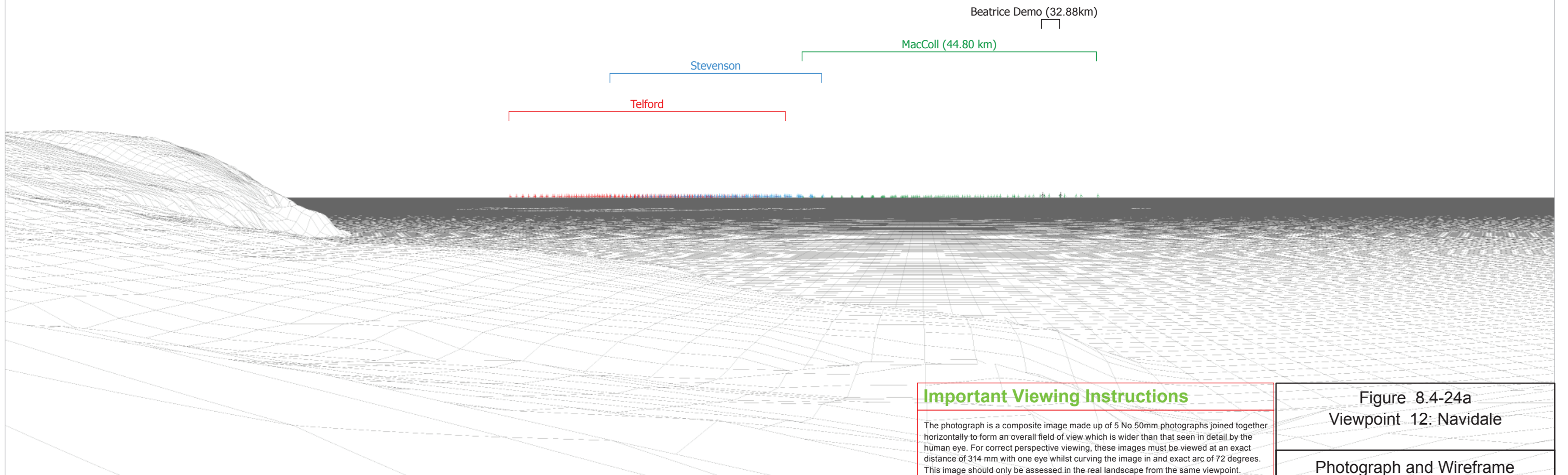This image should be viewed with both eyes from a distance of approximately 500mm*

*Calculation of viewing distance from The Highland Council ''Visualisation Standards for Wind Energy Developments (January 2010)''.

Figure 8.4-24   (page 5 of 5)
Viewpoint 12: Navidale

Photomontage
(The Highland Council Visualisation Standards, 75 mm)
Layout Scenario 4c

Existing view from Navidale | Distance to nearest turbine: 44.80 km (MacColl) | Camera: Canon EOS 5D Mark II | Focal Length: 50mm | Horizontal Field of View: 72mm | Camera Height: 1.5m | Date: 04/09/12 | Time: 13:02

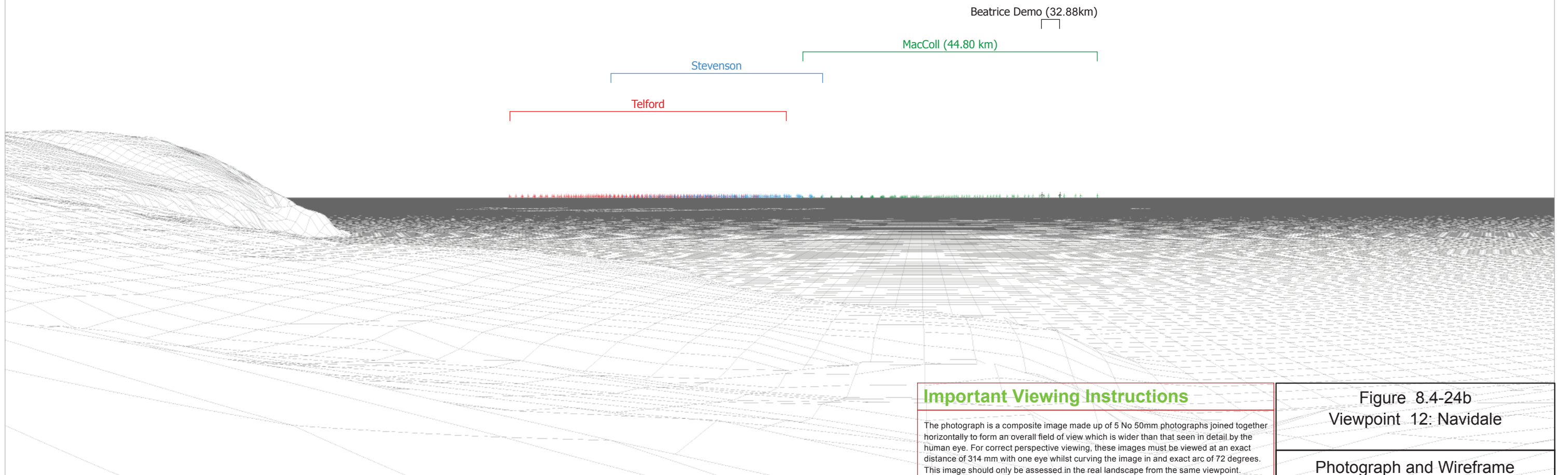Beatrice Demo (32.88km)

MacColl (44.80 km)

Stevenson

Telford

Computer generated wireframe showing the proposed developments Telford (Red), Stevenson (Blue) and MacColl (Green) and other operational wind farm turbines in black

Important Viewing Instructions

The photograph is a composite image made up of 5 No 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye. For correct perspective viewing, these images must be viewed at an exact distance of 314 mm with one eye whilst curving the image in and exact arc of 72 degrees. This image should only be assessed in the real landscape from the same viewpoint.

Date: 09/07/2012	Revision: B
Ref:	8460001-PPW0201-OPE-MAP-068

Figure 8.4-24a
Viewpoint 12: Navidale

Photograph and Wireframe

Layout Scenario 1c

Existing view from Navidale   Distance to nearest turbine: 44.80 km (MacColl)   Camera: Canon EOS 5D Mark II   Focal Length: 50mm   Horizontal Field of View: 72mm   Camera Height: 1.5m   Date: xx/09/12   Time: xx:xx
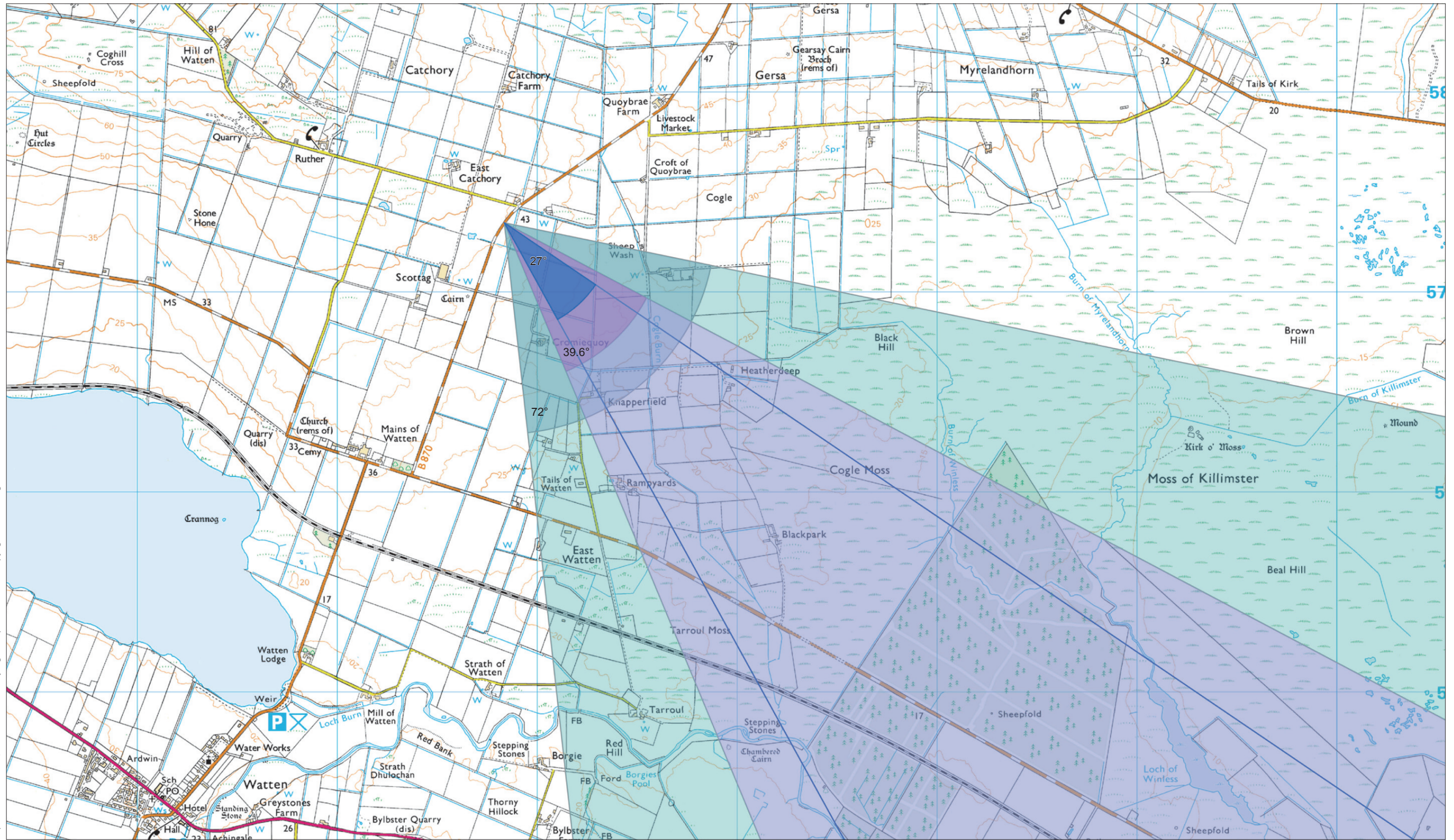
Beatrice Demo (32.88km)

MacColl (44.80 km)

Stevenson

Telford

Computer generated wireframe showing the proposed developments Telford (Red), Stevenson (Blue) and MacColl (Green) and other operational wind farm turbines in black

Important Viewing Instructions

The photograph is a composite image made up of 5 No 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye. For correct perspective viewing, these images must be viewed at an exact distance of 314 mm with one eye whilst curving the image in and exact arc of 72 degrees. This image should only be assessed in the real landscape from the same viewpoint.

Date: 09/07/2012	Revision: B
Ref: 8460001-PPW0201-OPE-MAP-069	

Figure 8.4-24b
Viewpoint 12: Navidale

Photograph and Wireframe

Layout Scenario 5c

Viewpoint 13: Catchory

OSGB Grid Reference: 325836 E 957348 N   Distance to nearest turbine: 38.90 km   AOD: c 46 m

View from B870 near East Catchory

Moray Offshore Renewables Ltd

Scale in metres: 1: 20,000

Geodetic Parameters: WGS84 UTM Zone 30N

Produced:	LT
Reviewed:	SM
Approved:	SM

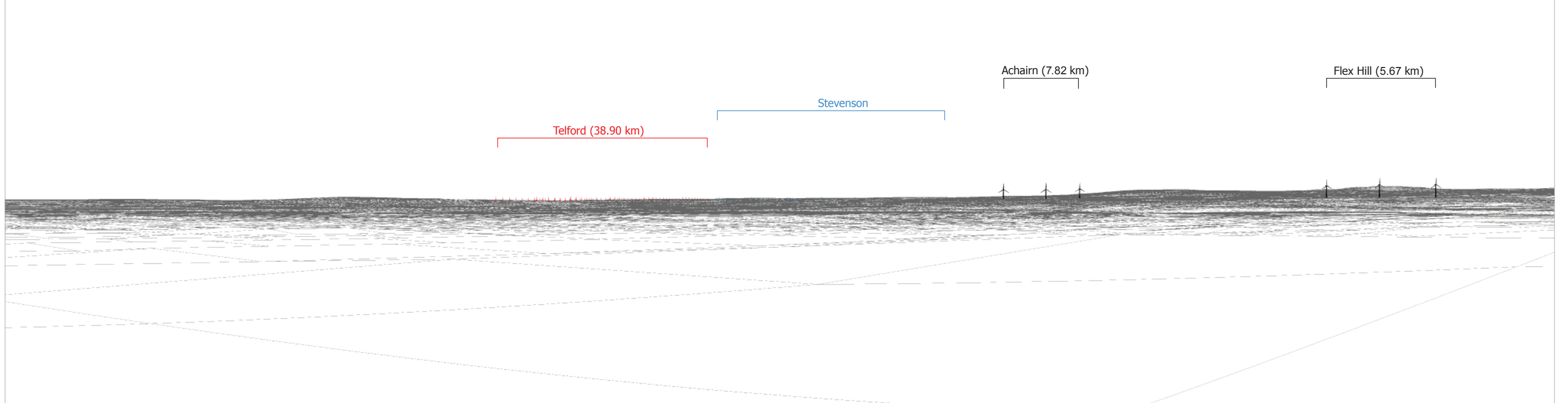| Date: 09/07/2012	Revision: B
Ref:	8460001-PPW0201-OPE-MAP-070

Figure 8.4-25   (page 1 of 5)
Viewpoint 13: Catchory
Location

Moray Offshore
Renewables Ltd

Existing view from Catchory   Distance to nearest turbine: 38.90 km (Telford)   Camera: Canon EOS 5D Mark II   Focal Length: 50mm   Horizontal Field of View: 72 degrees   Camera Height: 1.5m   Date: 02/09/12   Time: 14:45

Achairn (7.82 km)

Flex Hill (5.67 km)

Stevenson

Telford (38.90 km)

Computer generated wireframe showing the proposed developments Telford (Red), Stevenson (Blue) and MacColl (Green) and other operational wind farm turbines in black

Important Viewing Instructions

The photograph is a composite image made up of 5 No 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye. For correct perspective viewing, these images must be viewed at an exact distance of 314 mm with one eye whilst curving the image in and exact arc of 72 degrees. This image should only be assessed in the real landscape from the same viewpoint.

Figure 8.4-25 (page 2 of 5)
Viewpoint 13: Catchory

Photograph and Wireframe

Layout Scenario 4c

Photomontage view showing the proposed development   Distance to nearest turbine: 38.90 km (Telford)   Camera: Canon EOS 5D Mark II   Focal Length: 50mm   Horizontal Field of View: 72 degrees   Camera Height: 1.5m   Date: 02/09/12   Time: 14:45

Important Viewing Instructions

This is a composite image made up of 5 No 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye. For correct perspective viewing, this photograph, photomontage and wireline must be viewed at an exact distance of 314 mm with one eye whilst curving the image in and exact arc of 72 degrees.

This image should only be assessed in the real landscape from the same viewpoint.

Figure 8.4-25 (page 3 of 5)
Viewpoint 13: Catchory

Photomontage

Layout Scenario 4c